IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with <u>underlining</u> and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1-7 in accordance with the following:

1.   (CURRENTLY AMENDED) A partial reprojection method for reflecting a shape modified in a <u>three-dimensional</u> part model on a two-dimensional projection ~~that is~~ generated from an assembly model in a three-dimensional CAD system, the method comprising:

grouping elements projected from the assembly model for each part;

adding<u>, as part information,</u> ~~attributions of~~ <u>attributes of</u> each part ~~information to the two-dimensional projection~~, the ~~attributions~~ <u>attributes</u> including a line of sight and a position of the part; and

specifying two-dimensional elements to be updated when updating the shape in the <u>three-dimensional</u> part model, so as to decide a projecting direction of the <u>three-dimensional</u> part model from the line of sight of each part included in the part information and to decide a generating position of ~~the~~ two-dimensional elements <u>of the part</u> from the position of the part included in the part information.

2.   (CURRENTLY AMENDED) The partial reprojection method according to claim 1, further comprising:

adding ~~attributions of~~ projection information to the two-dimensional projection, ~~the attributions~~ including information about a loaded model and information about a model to be projected; and

deciding whether ~~the~~ <u>an</u> entire reprojection is performed from the assembly model or a partial reprojection is performed for a part in accordance with the projection information, wherein

if the partial reprojection is performed, the ~~attributions of the~~ part information and the projection information are not changed<u>,</u> ~~but~~ only the shape is changed.

3.   (CURRENTLY AMENDED) A partial reprojection device for reflecting a shape modified in a <u>three-dimensional</u> part model on a two-dimensional projection ~~that is~~ generated

from an assembly model in a three-dimensional CAD system, the device comprising a reprojection processing portion for controlling a partial reprojection process and a modeling kernel for performing processes including a contour line process and a hidden line process, wherein the reprojection processing portion includes:

an associative analysis processing portion analyzing information of the two-dimensional projection to be reprojected;

a drawing processing portion deciding three-dimensional elements to be projected in association with the modeling kernel from three-dimensional shape data and a projection condition;

a drawing data generation processing portion generating the decided three-dimensional elements as two-dimensional elements on the drawing; and

an associative setting processing portion grouping the generated two-dimensional elements for each part and setting a relationship with conditions and the models.

4. (CURRENTLY AMENDED) An apparatus ~~in a three-dimensional CAD system enabling reflection of~~reflecting a shape modified in a <u>three-dimensional</u> part model on a two-dimensional projection generated from an assembly model, said apparatus comprising:

a controller to control the apparatus according to a process, comprising,

grouping elements projected from the assembly model for each part;

adding<u>, as part information,</u> ~~attributions of~~attributes of each part ~~information to the two-dimensional projection~~, the ~~attributions~~attributes including a line of sight and a position of the part; and

specifying two-dimensional elements to be updated when updating the shape in the <u>three-dimensional</u> part model, so as to decide a projecting direction of the <u>three-dimensional</u> part model from the line of sight of each part included in the part information and to decide a generating position of ~~the~~two-dimensional elements<u> of the part</u> from the position of the part included in the part information.

5. (CURRENTLY AMENDED) The apparatus according to claim 4, said process further comprising:

adding ~~attributions of~~projection information to the two-dimensional projection, ~~the attributions~~including information about a loaded model and information about a model to be projected;

deciding whether ~~the~~<u>an</u> entire reprojection is performed from the assembly model or a

4

partial reprojection is performed for a part in accordance with the projection information; and

changing only the shape without changing the ~~attributions~~ attributes of the part information and the projection information when performing the partial reprojection.

6.   (CURRENTLY AMENDED) A computer-readable medium storing a program for a three-dimensional CAD system that enables reflection of a shape modified in a <u>three-dimensional</u> part model on a two-dimensional projection generated from an assembly model, the program causing a computer perform:

grouping elements projected from the assembly model for each part;

adding<u>, as part information,</u> ~~attributions of~~<u>attributes of</u> each part ~~information to the two-dimensional projection~~, the ~~attributions~~<u>attributes</u> including a line of sight and a position of the part; and

specifying two-dimensional elements to be updated when updating the shape in the <u>three-dimensional</u> part model, so as to decide a projecting direction of the <u>three-dimensional</u> part model from the line of sight of each part included in the part information and to decide a generating position of ~~the~~ two-dimensional elements <u>of the part</u> from the position of the part included in the part information.

7.   (CURRENTLY AMENDED) The computer-readable medium according to claim 6, said program causing said computer to further perform:

adding ~~attributions of~~ projection information to the two-dimensional projection, ~~the attributions~~ including information about a loaded model and information about a model to be projected;

deciding whether ~~the~~<u>an</u> entire reprojection is performed from the assembly model or a partial reprojection is performed for a part in accordance with the projection information; and

changing only the shape without changing the ~~attributions~~<u>attributes</u> of the part information and the projection information when performing the partial reprojection.

5